

In the Claims:

5 This listing of claims will replace all prior versions, and listings, of claims in the application. Please add new claims 37-43.

We claim:

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1. **(original)** A method for establishing telephonic communication between a first device and a second device over a communication network adhering to a session initiation protocol (SIP), the method comprising:

15 receiving a first call establishment message from the first device in a SIP-unobservant format;

generating a second call establishment message in a SIP-observant format in response to the first call establishment message; and

20 transmitting the second call establishment message to the second device over the communication network.

25 2. **(original)** The method of claim 1, wherein the call establishment message is selected from a group consisting of requests, responses, and confirmations.

30 3. **(original)** The method of claim 1, wherein the SIP-unobservant format adheres to a private branch exchange signaling protocol.

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4. **(original)** The method of claim 1 further comprising:

retrieving redirection information associated with the first call establishment message from a location database; and

5 redirecting the second call establishment message in response to the retrieved redirection information.

10 5. **(original)** The method of claim 4, wherein the redirection information is associated with a day and a time indicative of when the call establishment message is to be redirected.

15 6. **(original)** The method of claim 1 further comprising selecting the SIP-unobservant format from a plurality of available formats.

20 7. **(original)** A method for establishing telephonic communication between a first device and a second device over a communication network adhering to a session initiation protocol (SIP), the method comprising:

25 receiving a first call establishment message from the first device in a SIP-observant format;

generating a second call establishment message in a SIP-unobservant format in response to the first call establishment message; and

25 transmitting the second call establishment message to the second device over the communication network.

30 8. **(original)** The method of claim 7, wherein the call establishment message is selected from a group consisting of requests, responses, and confirmations.

9. **(original)** The method of claim 7, wherein the SIP-unobservant format adheres to a private branch exchange signaling protocol.

5 10. **(original)** The method of claim 7 further comprising:

retrieving redirection information associated with the first call establishment message from a location database; and

10 redirecting the second call establishment message in response to the retrieved redirection information.

15 11. **(original)** The method of claim 10, wherein the redirection information is associated with a day and time indicative of when the call establishment message is to be redirected.

20 12. **(original)** The method of claim 7 further comprising selecting the SIP-unobservant format from a plurality of available formats.

25 13. **(original)** A communication network adhering to a session initiation protocol (SIP) for establishing telephonic communication between devices, the network comprising:

a SIP-unobservant device;

a SIP-observant device; and

an emulation client operative between the SIP-unobservant device and the SIP-observant device,

30 characterized in that a call establishment message transmitted by the SIP-unobservant device in a SIP-unobservant format is converted to a SIP-observant format

by the emulation client and transmitted to the SIP-
observant device.

14. **(original)** The communication network of claim 13,
5 wherein the call establishment message is selected from a
group consisting of requests, responses, and confirmations.

15. **(original)** The communication network of claim 13,
wherein the SIP-unobservant format adheres to a private
10 branch exchange signaling protocol.

16. **(original)** The communication network of claim 13
further comprising a location database for storing
redirection information, the communication network further
15 characterized in that the emulation client retrieves from
the location database redirection information associated
with the call establishment message and redirects the call
establishment message based on the retrieved redirection
information.

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17. **(original)** The communication network of claim 15,
wherein the redirection information is associated with a
day and time indicative of when the call establishment
message is to be redirected.

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18. **(original)** The communication network of claim 13
further characterized in that the emulation client selects
the SIP-unobservant format from a plurality of available
formats.

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19. **(original)** A communication network adhering to a
session initiation protocol (SIP) for establishing

telephonic communication between devices, the network comprising:

a SIP-unobservant device;
a SIP-observant device; and
5 an emulation client operative between the SIP-unobservant device and the SIP-observant device, characterized in that a call establishment message transmitted by the SIP-observant device in a SIP-observant format is converted to a SIP-unobservant format by the 10 emulation client and transmitted to the SIP-unobservant device.

20. **(currently amended)** The communication network of claim [[18]] 19, wherein the call establishment message is 15 selected from a group consisting of requests, responses, and confirmations.

21. **(currently amended)** The communication network of claim [[18]] 19, wherein the SIP-unobservant format adheres 20 to a private branch exchange signaling protocol.

22. **(currently amended)** The communication network of claim [[18]] 19 further comprising a redirection database for storing redirection information, the communication 25 network further characterized in that the emulation client retrieves from the location database redirection information associated with the call establishment message and redirects the call establishment message based on the retrieved redirection information.

30 23. **(currently amended)** The communication network of claim [[21]] 22, wherein the redirection information is

associated with a day and time indicative of when the call establishment message is to be redirected.

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Concl.* 5 24. **(currently amended)** The communication network of claim [[18]] 19 further characterized in that the emulation client selects the SIP-unobservant format from a plurality of available formats.

10 25. **(original)** An emulation client in a communication network adhering to a session initiation protocol (SIP) for establishing telephonic communication between a SIP-observant device and a SIP-unobservant device, characterized in that a call establishment message transmitted by the SIP-observant device in a SIP-observant 15 format is converted to a SIP-unobservant format by the emulation client and transmitted to the SIP-unobservant device.

20 26. **(currently amended)** The emulation client of claim [[24]] 25, wherein the call establishment message is selected from a group consisting of requests, responses, and confirmations.

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Concl.* 25 27. **(currently amended)** The emulation client of claim [[24]] 25, wherein the SIP-unobservant format adheres to a private branch exchange signaling protocol.

30 28. **(currently amended)** The emulation client of claim [[24]] 25, further characterized in that redirection information associated with the call establishment message is retrieved from a redirection database for redirecting the call establishment message.

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Concl.* 5 29. **(currently amended)** The emulation client of claim [[27]] 28, wherein the redirection information is associated with a day and a time indicative of when the call establishment message is to be redirected.

30. **(currently amended)** The emulation client of claim [[24]] 25, further characterized in that the SIP-unobservant format from a plurality of available formats.

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31. **(original)** An emulation client in a communication network adhering to a session initiation protocol (SIP) for establishing telephonic communication between a SIP-observant device and a SIP-unobservant device, 15 characterized in that a call establishment message transmitted by the SIP-unobservant device in a SIP-unobservant format is converted to a SIP-observant format by the emulation client and transmitted to the SIP-observant device.

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32. **(currently amended)** The emulation client of claim [[30]] 31, wherein the call establishment message is selected from a group consisting of requests, responses, and confirmations.

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Cont.* 33. **(currently amended)** The emulation client of claim [[30]] 31, wherein the SIP-unobservant format adheres to a private branch exchange signaling protocol.

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34. **(currently amended)** The emulation client of claim [[30]] 31, further characterized in that redirection information associated with the call establishment message

is retrieved from a redirection database for redirecting the call establishment.

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Conc. 5 35. **(currently amended)** The emulation client of claim [[33]] 34, wherein the redirection information is associated with a day and time indicative of when the call establishment message is to be redirected.

10 36. **(currently amended)** The emulation client of claim [[30]] 31, further characterized in that the SIP-unobservant format is selected from a plurality of available formats.

~~37.~~ 15 **(new)** A method for establishing telephonic communication over a communication network, the method comprising the steps of:

20 generating on a SIP-observant device a Session Initiation Protocol (SIP) INVITE message, the SIP INVITE message including a telephone number of a SIP-unobservant device; and

25 transmitting by the SIP-observant device on the communication network the SIP INVITE message, wherein in response to the transmission an emulator operative between the SIP-observant device and the SIP-unobservant device receives a SIP INVITE message including the telephone number of the SIP-unobservant device, converts the SIP INVITE message into a SIP-unobservant format and transmits the message to the SIP-unobservant device.

30 38. **(new)** The method of claim 37, wherein the SIP-unobservant format adheres to a private branch exchange signaling protocol.

39. (new) A Session Initiation Protocol (SIP)-
observant device for establishing telephonic communication
over a communication network, comprising:

5 a SIP stack for generating a SIP INVITE message
including a telephone number of a SIP-unobservant device;
and

an interface for transmitting on the communication
network the SIP INVITE message, wherein in response to the
10 transmission an emulator operative between the SIP-
observant device and the SIP-unobservant device receives a
SIP INVITE message including the telephone number of the
SIP-unobservant device, converts the SIP INVITE message
into a SIP-unobservant format and transmits the message to
15 the SIP-unobservant device.

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40. (new) The device of claim 39, wherein the SIP-
unobservant format adheres to a private branch exchange
signaling protocol.

20 41. (new) A method for relaying call establishment
messages between at least three communication networks, the
three networks including a SIP-observant network and a
plurality of SIP-unobservant networks, the method
25 comprising the step of:

receiving a plurality of SIP-observant call
establishment messages;

30 translating a first message within the plurality into
a first protocol type of a first SIP-unobservant
communication network and transmitting the first message on
the first SIP-unobservant communication network; and

translating a second message within the plurality into a second protocol type of a second SIP-unobservant communication network and transmitting the second message on the second SIP-unobservant communication network,

5 wherein the first and second protocol types are different.

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10 42. **(new)** The method of claim 41, further comprising the steps of determining the first protocol type based on a first address in the first message, and determining the second protocol type based on a second address in the second message.

15 43. **(new)** The method of claim 41, wherein at least one of the first and second protocol types is a private branch exchange signaling protocol type.